Center for Health Information and Analysis

APCD Analytical Workgroup
March 26, 2013

www.mass.gov/chia

Objectives of the APCD Analytic Webinar

- Provide a forum where you can learn about APCD updates and ask questions

    - APCD Application Process
    - APCD Data Fulfillment
    - Data Definitions, Compliance and Availability
    - Tools and methodologies

- Share questions and answers that come into CHIA with a broader audience
- Solicit input for improvements to the APCD

Agenda for Today

- Profile of Webinar Participants

- APCD DRC Application Updates

- QA Insights

- APCD Developments

- Soliciting your input – IRBNet (survey)

Participants on January & February Analytical Webinars

Characteristics of Webinar Participants	January	February
Total Participants	77	120
Massachusetts Participants	43	73
Participants from Other States	34	47
How many states are represented	13	20
Insurance Industry Representatives	37	48
Massachusetts State Agency Representatives	13	17
State agencies outside of Massachusetts	0	4
Universities	7	9
Other (hospitals, other health care providers, associations, researchers, consulting firms, etc)	20	42
The TAG Webinar focuses on issues relevant to submitters (carriers) while the audience for the Analytical Webinars are current and future APCD users of the data		

Applications Approved Since January 2013

Organization	Study Topics
University of MA Medical School	• Massachusetts Patient Centered Medical Home Initiative Shared Savings Project • Health Care Reform and Disparities in the Care and Outcomes of Trauma Patients
Yale University	• Maternal and Paternal Health and Children's Access and Use

APCD Application for Review at the 3.28.13 DRC Meeting

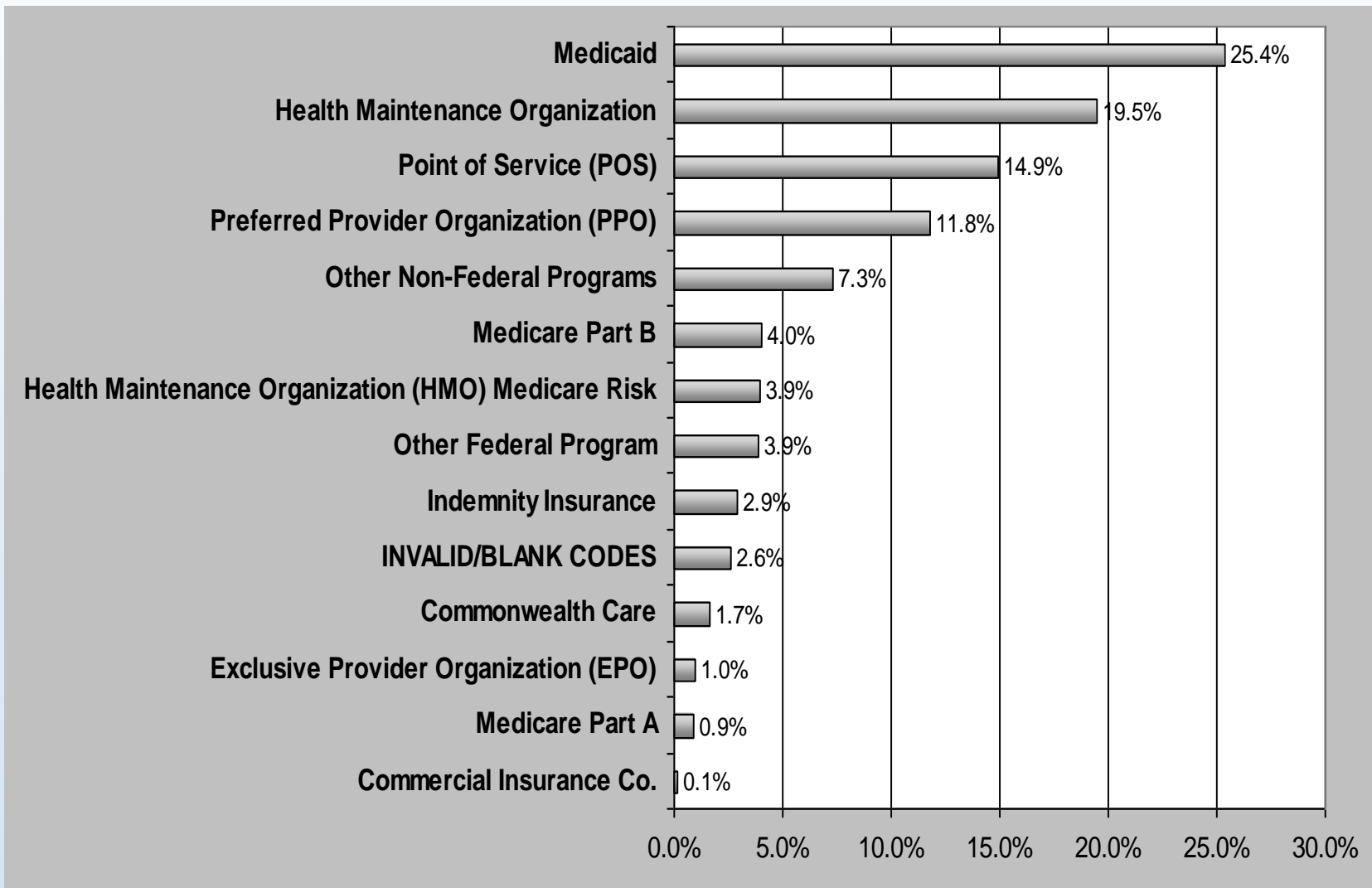| Applicant Organization	Study Topic
Harvard School of Public Health	• Understanding the High Cost of Patients in Massachusetts

Insights from the QA Team

Combined Frequency of All Claim Lines (*Highest Version of Medical, Pharmacy, and Dental*) by Insurance Type as of March 22, 2013*

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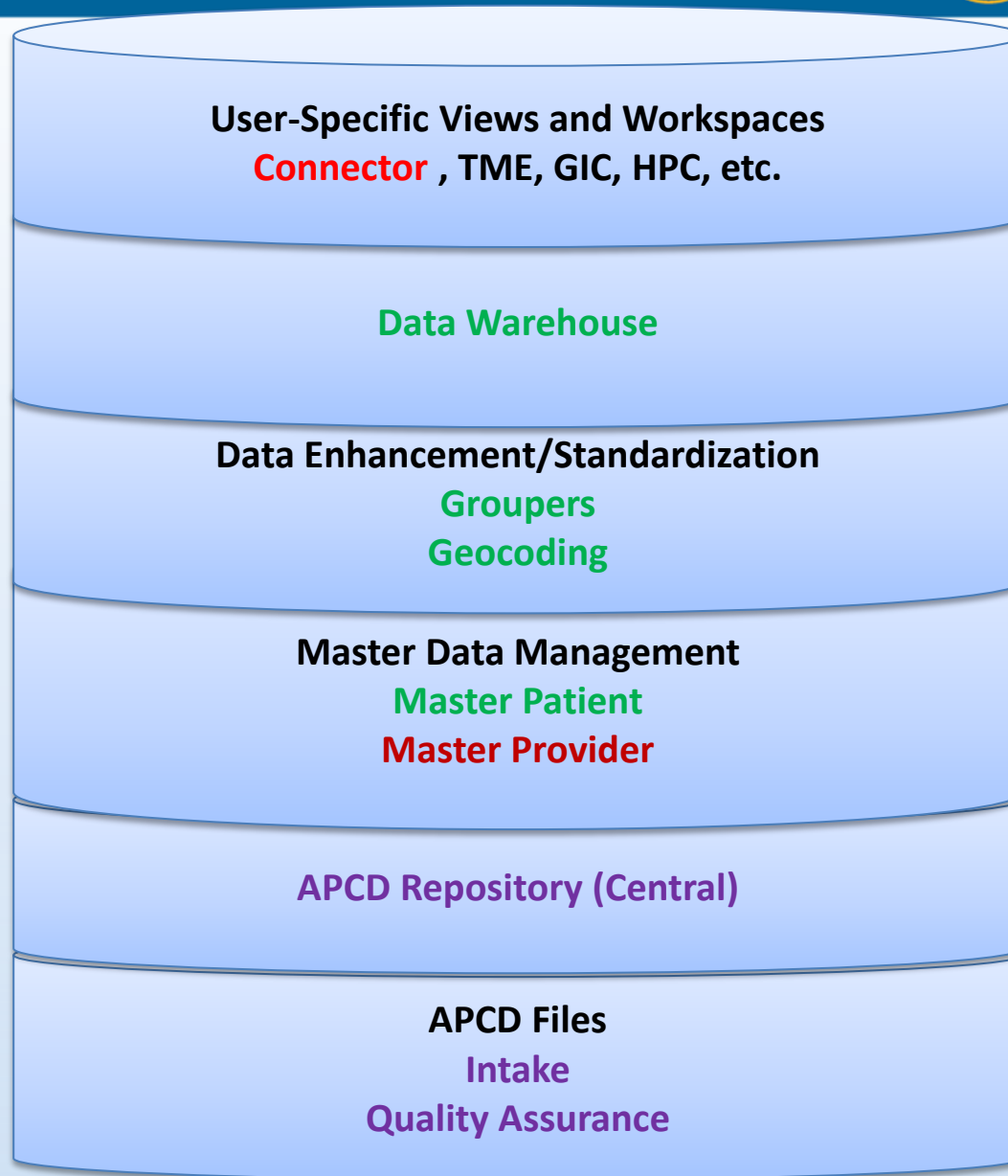| Insurance Type	Percentage
Medicaid	25.4%
Health Maintenance Organization	19.5%
Point of Service (POS)	14.9%
Preferred Provider Organization (PPO)	11.8%
Other Non-Federal Programs	7.3%
Medicare Part B	4.0%
Health Maintenance Organization (HMO) Medicare Risk	3.9%
Other Federal Program	3.9%
Indemnity Insurance	2.9%
INVALID/BLANK CODES	2.6%
Commonwealth Care	1.7%
Exclusive Provider Organization (EPO)	1.0%
Medicare Part A	0.9%
Commercial Insurance Co.	0.1%

*Medicare Primary Data **not** Included . Veteran's Administration Plan, Dental Maintenance Organization (DMO), Self-Pay, Commonwealth Choice, and Disability less than 0.1%

APCD Received Two Grants

Which will help build out its infrastructure

- ACA Implementation (CCIIO)
  - Risk adjustment
  - Master Member

- State Innovation Models (CMS)
  - Provider portal to the APCD
  - Master provider
  - http://innovation.cms.gov/initiatives/State-Innovations-Model-Testing/index.html

Building the Production Data Warehouse

User-Specific Views and Workspaces
Connector , TME, GIC, HPC, etc.

Data Warehouse

Data Enhancement/Standardization
Groupers
Geocoding

Master Data Management
Master Patient
Master Provider

APCD Repository (Central)

APCD Files
Intake
Quality Assurance

As of March 2013
Operational
In process
Funded, but not started

10

ACA Implementation (CCIIO)
Which will help build out its infrastructure

- Supplemental data requests to carriers
- Simulation results to be shared by Connector in May/June
- January 1, 2014 operational

Master Member Index

- Files arrive monthly from more than 90 payers, each using their own unique member IDs
  - IDs may change as a member switches products within a payer
  - Rolling 24 months in each monthly submission so there are many duplicate records
- Master Patient Index will create a unique identifier so members can be tracked – across products and payers
- Preliminary runs (de-duping) have compressed member file from 25M to 9M records; target is approximately 6M
- Plan to Master Member Index in December 2013 release

Partial List of Use Cases for Master Member

- Link claims and eligibility – including carve outs

- Track patients across org IDs

- Risk pool migration – track how "risk" moves across insurers
    - Aging into Medicare
    - New enrollees to a given plan

- Track patients across plan designs

- Longitudinal analyses at individual member level across years, plan designs, carriers
    - Year I and Year II costs
    - Year I dx and Year II costs

- Application of groupers
    - Partial year eligibility

- Geographic analysis

- Movement of members/patients across markets/referral circles

The APCD User Group

- Five users have now received their extracts

- The first meeting of the APCD User Group will be scheduled for mid-April

- The purpose of this group is to:

  - Answer questions about using APCD data

  - Facilitate exchange of "know how" among users

  - Provide CHIA feedback on data quality

  - Build an APCD user community

IRBNet (irbnet.org)

- CHIA is considering using IRBNet to manage data request applications
  - Same tool DPH uses to manage IRB applications
- Applicants would submit applications and all related materials on the IRBNet website
  - Manage via application and fulfillment process:
    - intake
    - application submission
    - revisions / amendments
    - approval / denial notification
    - other communications to the applicant
  - Reduce email and track documentation more efficiently

Topics for April APCD Analytic Webinar
Please submit questions and topics for our April Webinar
Questions?

sabine.hedberg@state.ma.us

Thank you for your interest in the Massachusetts

All Payer Claims Database